| Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-------------------------|--|
| 0909532311098000 | LAUFER, MICHAEL D.ALTSHULER ET AL. |
| Examiner | Art Unit |
| david shaydavid shay | 37353769 |

| ✓ | Rejected | - | Cancelled |
|---|----------|---|------------|
| - | Allowed | ÷ | Restricted |

| N | Non-Elected | Α | |
|---|--------------|---|--|
| ı | Interference | 0 | |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| CI. | AIM | | | DATE | | |
|-------|----------|--------------------------|------------|----------|--|------|
| CL | Alivi | | | DATE | | |
| Final | Original | 03/28/2008 12/22/2008 | 01/15/2009 | | | |
| | 11 | | - | | | |
| | 22 | | - | | | |
| | 33 | | - | | | |
| | 44 | - | - | | | |
| | 55 | - | - | | | |
| | 66 | - | - | | | |
| | 77 | | - | | | |
| | 88 | | - | | | |
| | 99 | | - | | | |
| | 1010 | | - | | | |
| | 1111 | - | - | | | |
| | 1212 | - | - | | | |
| | 1313 | - | - | | | |
| | 1414 | - | - | | | |
| | 1515 | - | - | | | |
| | 1616 | | - | | | |
| | 1717 | | - | | | |
| | 1818 | - | - | | | |
| | 1919 | - | - | | | |
| | 2020 | - | - | | | |
| | 2121 | - | - | | | |
| | 2222 | - | - | | | |
| | 2323 | - | - | | | |
| | 2424 | | - | | | |
| | 2525 | - | - | | | |
| | 2626 | - | - | | | |
| | 2727 | - | - | | | |
| | 2828 | - | - | | | |
| | 2929 | ≡√ | · / | | | |
| | 3030 | III√ | · | | | |
| | 3131 | III√ | · | | | |
| | 3232 | m< | · | | | |
| | 3333 | mv | 1 | 1 | | |

| Application/Control | No. |
|---------------------|-----|
| | |

0909532311098000

Applicant(s)/Patent Under Reexamination

LAUFER, MICHAEL D.ALTSHULER ET AL.

Examiner

david shaydavid shay

Art Unit 37353769

| ✓ | Rejected | - | Cancelled | | | | | | | |
|--------|---|---|------------|--|--|--|--|--|--|--|
| = | Allowed | ÷ | Restricted | | | | | | | |
| | | | | | | | | | | |
| \Box | Claims renumbered in the same order as presented by | | | | | | | | | |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| CLAIM | | | | DATE | | | | | |
|-------|----------|------------|------------|------|--|--|--|--|--|
| Final | Original | 03/28/2008 | 01/15/2009 | | | | | | |
| | 3434 | III√ | 1 | | | | | | |
| | 3535 | III√ | · | | | | | | |
| | 3636 | mv | · | | | | | | |
| | 3737 | mv | ✓ | | | | | | |
| | 3838 | | - | | | | | | |
| | 3939 | | - | | | | | | |
| | 4040 | - | - | | | | | | |
| | 4141 | - | - | | | | | | |
| | 4242 | - | - | | | | | | |
| | 4343 | - | - | | | | | | |
| | 4444 | | - | | | | | | |
| | 4545 | | - | | | | | | |
| | 4646 | | - | | | | | | |
| | 4747 | | - | | | | | | |
| | 4848 | - | - | | | | | | |
| | 4949 | | - | | | | | | |
| | 5050 | III√ | ✓ | | | | | | |
| | 5151 | - | - | | | | | | |
| | 5252 | ⊞√ | ✓ | | | | | | |
| | 5353 | mv | ✓ | | | | | | |
| | 5454 | m< | ✓ | | | | | | |
| | 5555 | III√ | ✓ | | | | | | |
| | 5656 | III√ | ✓ | | | | | | |
| | 5757 | III√ | ✓ | | | | | | |
| | 5858 | III√ | ✓ | | | | | | |
| | 5959 | ⊞√ | ✓ | | | | | | |
| | 6060 | ⊞√ | ✓ | | | | | | |
| | 6161 | III√ | ✓ | | | | | | |
| | 6262 | III√ | ✓ | | | | | | |
| | 63 | - | | | | | | | |
| | 64 | - | | | | | | | |
| | 65 | - | | | | | | | |
| | 66 | - | | | | | | | |

| Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-------------------------|--|
| 0909532311098000 | LAUFER, MICHAEL D.ALTSHULER ET AL. |
| Examiner | Art Unit |
| david shaydavid shay | 37353769 |

| ✓ | Rejected | | - | Cancelled | N | Non-Elec |
|---|----------|--|---|------------|---|-----------|
| = | Allowed | | ÷ | Restricted | 1 | Interfere |

| cted | Α | Appeal |
|------|---|----------|
| nce | o | Objected |

| CL | AIM | | | DATE | | | | | | | - |
|-------|----------|--------------------------|------------|------|--|---|----------|--|---|---|--------|
| Final | Original | 03/28/2008 12/22/2008 | 01/15/2009 | | | | Π | | | | \top |
| | 67 | - | | | | | \vdash | | _ | | _ |
| | 68 | - | | | | | | | | | _ |
| | 69 | - | | | | | \vdash | | _ | | +- |
| | 70 | - | | | | | \vdash | | _ | | +- |
| | 71 | | | | | | | | | | _ |
| | 72 | - | | | | | | | | | _ |
| | 73 | | | | | | | | | _ | +- |
| | 74 | - | | | | | | | | | - |
| | 75 | - | | | | | | | _ | | _ |
| | 76 | | | | | | | | _ | | + |
| | 77 | - | | | | | | | _ | _ | +- |
| | 78 | | | | | | \vdash | | _ | _ | +- |
| | 79 | - | | | | | | | | _ | +- |
| | 80 | - | | | | | | | | _ | +- |
| | 81 | - | | | | | | | | | +- |
| | 82 | | | | | | | | | | +- |
| | 83 | | | | | | | | | _ | +- |
| | 84 | | | | | | | | _ | _ | +- |
| | 85 | - | | | | | | | _ | _ | +- |
| | 86 | - | | | | | | | | _ | +- |
| | 87 | - | | | | | | | | _ | +- |
| | 88 | - | | | | | | | | _ | +- |
| | 89 | - | | | | | | | | | + |
| | 90 | - | | | | | | | | | + |
| | 91 | - | | | | | | | | | + |
| | 92 | - | | | | | | | | | + |
| | 93 | | | | | | \vdash | | | | + |
| | 94 | <u> </u> | | | | | \vdash | | | | + |
| | 95 | - | | | | | | | | | + |
| | 96 | - | | | | | | | | | + |
| | 97 | | | | | | | | | | + |
| | 98 | - | | | | | + | | | | _ |
| | 99 | - | | | | - | - | | | _ | - |

| Application/Control No. |
|-------------------------|
| 0000522211009000 |

| ۱pp | ican | (s) | /Pa | tent | Und | ler |
|------|-------|-----|-----|------|-----|-----|
| Reex | camii | ıat | ion | | | |

0909532311098000

LAUFER, MICHAEL D.ALTSHULER ET AL.

Examiner

Art Unit

david shaydavid shay

37353769

| 1 | Rejected |
|---|----------|
| - | Allowed |

| - | Cancelled |
|---|------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| 1 | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| Claims renumbered in the same order as presented by applicant | | | | | | | ☐ CPA | □ т.с | D. 🗆 | R.1.47 |
|---|----------|------------|------------|--|--|------|-------|-------|------|--------|
| CLA | MIM | | | | | DATE | DATE | | | |
| Final | Original | 03/28/2008 | 01/15/2009 | | | | | | | |
| | 100 | - | | | | | | | | |
| | 101 | - | | | | | | | | |
| | 102 | - | | | | | | | | |
| | 103 | - | | | | | | | | |
| | 104 | - | | | | | | | | |
| | 105 | - | | | | | | | | |
| | 106 | - | | | | | | | | |
| | 107 | - | | | | | | | | |
| | 108 | - | | | | | | | | |
| | 109 | - | | | | | | | | |
| | 110 | - | | | | | | | | |
| | 111 | - | | | | | | | | |
| | 112 | - | | | | | | | | |
| | 113 | - | | | | | | | | |
| | 114 | - | | | | | | | | |
| | 115 | - | | | | | | | | |
| | 116 | - | | | | | | | | |
| | 117 | - | | | | | | | | |
| | 118 | - | | | | | | | | |
| | 119 | - | | | | | | | | |
| | 120 | - | | | | | | | | |
| | 121 | - | | | | | | | | |
| | 122 | - | | | | | | | | |
| | 123 | - | | | | | | | | |
| | 124 | - | | | | | | | | |
| | 125 | - | | | | | | | | |
| | 126 | - | | | | | | | | |
| | 127 | - | | | | | | | | |
| | 128 | - | | | | | | | | |
| | 129 | - | | | | | | | | |
| | 130 | - | | | | | | | | |
| | 131 | - | | | | | | | | |
| | 132 | | | | | | | | | |

| Application/Control N | ю. |
|-----------------------|----|
| | |

0909532311098000

Applicant(s)/Patent Under Reexamination

LAUFER, MICHAEL D.ALTSHULER ET AL.

Examiner

david shaydavid shay

Art Unit 37353769

| 1 | Rejected |
|---|----------|
| = | Allowed |

| - | Cancelled |
|---|------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| CLAIM | | DATE | | | | | | | | |
|-------|----------|------------|------------|--|--|--|--|--|--|--|
| Final | Original | 03/28/2008 | 01/15/2009 | | | | | | | |
| | 133 | 1 | | | | | | | | |
| | 134 | 1 | | | | | | | | |
| | 135 | 1 | | | | | | | | |
| | 136 | 1 | | | | | | | | |
| | 137 | 1 | | | | | | | | |
| | 138 | 1 | | | | | | | | |
| | 139 | 1 | | | | | | | | |
| | 140 | 1 | | | | | | | | |
| | 141 | 1 | | | | | | | | |
| | 142 | 1 | | | | | | | | |
| | 143 | 1 | | | | | | | | |
| | 144 | 1 | | | | | | | | |
| | 145 | 1 | | | | | | | | |
| | 146 | 1 | | | | | | | | |
| | 147 | 1 | | | | | | | | |
| | 148 | / | | | | | | | | |
| | 149 | 1 | | | | | | | | |
| | 150 | 1 | | | | | | | | |
| | 151 | 1 | | | | | | | | |
| | 152 | / | | | | | | | | |
| | 153 | / | | | | | | | | |
| | 154 | 1 | | | | | | | | |
| | 155 | 1 | | | | | | | | |
| | 156 | 1 | | | | | | | | |
| | 157 | 1 | | | | | | | | |
| | 158 | 1 | | | | | | | | |
| | 159 | 1 | | | | | | | | |
| | 160 | 1 | | | | | | | | |
| | 161 | 1 | | | | | | | | |
| | 162 | 1 | | | | | | | | |
| | 163 | - | | | | | | | | |
| | 164 | - | | | | | | | | |
| | 165 | | | | | | | | | |

| Application/Control | No. |
|---------------------|-----|
| | |

0909532311098000

Applicant(s)/Patent Under Reexamination LAUFER, MICHAEL

D.ALTSHULER ET AL.

Art Unit

Examiner

david shaydavid shay

37353769

| ✓ | Rejected | | |
|----------|-------------------------|-----|----|
| = | Allowed | | |
| | | | |
| - | Claims renumbered in th | e s | am |
| | | | |

| - | Cancelled |
|---|------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| 1 | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| Claims | renumbered | in the same | order as pre | esented by | applicant | | ☐ CPA | ☐ T.I | D. 🗆 | R.1.47 |
|--------|------------|--------------------------|--------------|------------|-----------|--|-------|-------|------|--------|
| CLAIM | | DATE | | | | | | | | |
| Final | Original | 03/28/2008 12/22/2008 | 01/15/2009 | | | | | | | |
| | 166 | - | | | | | | | | |
| | 167 | - | | | | | | | | |
| | 168 | - | | | | | | | | |
| | 169 | - | | | | | | | | |
| | 170 | - | | | | | | | | |
| | 171 | - | | | | | | | | |
| | 172 | - | | | | | | | | |
| | 173 | - | | | | | | | | |
| | 174 | - | | | | | | | | |
| | 175 | - | | | | | | | | |
| | 176 | - | | | | | | | | |
| | 177 | - | | | | | | | | |
| | 178 | - | | | | | | | | |
| | 179 | - | | | | | | | | |
| | 180 | - | | | | | | | | |
| | 181 | - | | | | | | | | |
| | 182 | - | | | | | | | | |
| | 183 | - | | | | | | | | |
| | 184 | - | | | | | | | | |
| | 185 | - | | | | | | | | |
| | 186 | - | | | | | | | | |
| | 187 | - | | | | | | | | |
| | 188 | - | | | | | | | | |
| | 189 | - | | | | | | | | |
| | 190 | - | | | | | | | | |
| | 191 | - | | | | | | | | |
| | 192 | - | | | | | | | | |
| | 193 | - | | | | | | | | |
| | 194 | - | | | | | | | | |
| | 195 | - | | | | | | | | |
| | 196 | - | | | | | | | | |
| | 197 | - | | | | | | | | |
| | 198 | - | | | | | | | | |

| ; | 0909532311098000 |
|---|----------------------|
| | |
| | Examiner |
| | david shavdavid shav |

| Appl | lication | Con | trol | No. |
|------|----------|-----|------|-----|
| | | | | |

Applicant(s)/Patent Under Reexamination

LAUFER, MICHAEL D.ALTSHULER ET AL.

Examiner

Art Unit 37353769

| 1 | Rejected |
|---|----------|
| = | Allowed |

| - | Cancelled |
|---|------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| CL | AIM | DATE | | | | | | | | | | | |
|-------|----------|------------|------------|--|---|--|--|--|--|---------------|--|--|--|
| Final | Original | 03/28/2008 | 01/15/2009 | | | | | | | Τ | | | |
| | 199 | - | | | | | | | | _ | | | |
| | 200 | - | | | | | | | | - | | | |
| | 201 | - | | | | | | | | - | | | |
| | 202 | - | | | | | | | | _ | | | |
| | 203 | - | | | | | | | | - | | | |
| | 204 | - | | | | | | | | $\overline{}$ | | | |
| | 205 | - | | | | | | | | - | | | |
| | 206 | - | | | | | | | | _ | | | |
| | 207 | - | | | | | | | | _ | | | |
| | 208 | - | | | | | | | | - | | | |
| | 209 | - | | | | | | | | - | | | |
| | 210 | - | | | | | | | | - | | | |
| | 211 | - | | | | | | | | - | | | |
| | 212 | - | | | | | | | | - | | | |
| | 213 | - | | | | | | | | - | | | |
| | 214 | - | | | | | | | | _ | | | |
| | 215 | - | | | | | | | | | | | |
| | 216 | - | | | | | | | | _ | | | |
| | 217 | - | | | | | | | | + | | | |
| | 218 | - | | | | | | | | + | | | |
| | 219 | - | | | | | | | | _ | | | |
| | 220 | - | | | | | | | | + | | | |
| | 221 | - | | | | | | | | | | | |
| | 222 | - | | | | | | | | _ | | | |
| | 223 | - | | | | | | | | | | | |
| | 224 | - | | | | | | | | _ | | | |
| | 225 | - | | | | | | | | + | | | |
| | 226 | - | | | | | | | | + | | | |
| | 227 | - | | | | | | | | + | | | |
| | 228 | - | | | | | | | | + | | | |
| | 229 | - | | | | | | | | + | | | |
| | 230 | - | | | | | | | | + | | | |
| | 231 | | | | 1 | | | | | +- | | | |

Rejected

| Application/Control | No. |
|---------------------|-----|
| | |

0909532311098000

Applicant(s)/Patent Under Reexamination

Appeal

LAUFER, MICHAEL D.ALTSHULER ET AL.

Examiner

Cancelled

Art Unit

Non-Elected

david shaydavid shay

Ν

37353769

| | | | $oxed{oxed}$ | | | 1 | | | | _ | | | | |
|----------------|------------|----------|--------------|-------------|--------------|----------|---|--------------|--|----------|-----------------|------|-------------|--|
| = . | Allowed | | ÷ | Res | tricted | | ı | Interference | | | 0 | Obje | cted | |
| ☐ Claims | renumbered | in the s | ame | order as pr | esented by a | pplicant | | | | | ☐ T.D. ☐ R.1.47 | | | |
| CL | AIM | | | | | | | DATE | | | | | | |
| Final Original | | 03/28/2 | 8000 | 01/15/2009 | | | | | | | | | | |
| | 232 | 12/22/2 | 000 | | | | | | | | | | | |
| | 233 | - | _ | | | | | | | | | | | |
| | 234 | <u> </u> | | | | _ | | | | _ | | | | |
| | 235 | - | | | | | | | | | | | | |
| | 236 | _ | | | | | | | | | | | | |
| | 236 | - | | | | | | - | | | | | + | |
| | 238 | 1 | | | | | | | | - | | | | |
| | 239 | - | | | | | | | | - | | | | |
| | 240 | - | _ | | | | | | | | | | | |
| | 240 | - | | | | | | | | | | | | |
| | 242 | - | | | | | | | | | | | | |
| | 243 | | | | | | | | | | | | | |
| | 244 | - | | | | | | | | | | | | |
| | 244 | 1 | | | | | | | | | | | | |
| | 245 | - | | | | | | | | | | | | |
| | | - | | | | | | | | | | | | |
| | 247 | - | | | | | | | | | | | | |
| | 248 | - | | | | | | | | | | | | |
| | 249 | - | | | | | | | | | | | | |
| | 250 | - | | | | | | | | | | | | |
| | 251 | - | | | | | | | | | | | | |
| | 252 | - | | | | | | | | | | | | |
| | 253 | - | | | | | | | | <u> </u> | | | | |
| | 254 | - | | | | | | | | | | | | |
| | 255 | - | | | | | | | | | | | | |
| | 256 | - | | | | | | | | | | | | |
| | 257 | - | | | | | | | | | | | | |
| | 258 | - | | | | | | | | | | | | |
| | 259 | - | | | | | | | | | | | | |
| | 260 | - | | | | | | | | | | | | |
| | 261 | - | | | | | | | | | | | | |
| | 262 | - | | | | | | | | | | | | |
| | 263 | - | | | | | | | | | | | | |
| | 264 | - | | | | | | | | | | | | |

| Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-------------------------|--|
| 0909532311098000 | LAUFER, MICHAEL D.ALTSHULER ET AL. |
| Examiner | Art Unit |
| david shaydavid shay | 37353769 |

| 1 | Rejected | | Cancelled | N | No |
|---|----------|---|------------|---|------|
| = | Allowed | - | Restricted | ı | Inte |

| 1 | Non-Elected | Α | Appeal |
|---|--------------|---|----------|
| | Interference | 0 | Objected |

| Olumia | renumbered | | oraci ao pri | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | аррисан | | ☐ CPA | | | | | |
|--------|------------|--------------------------|--------------|---|---------|--|-------|--|--|--|--|--|
| CL | AIM | DATE | | | | | | | | | | |
| Final | Original | 03/28/2008 12/22/2008 | 01/15/2009 | | | | | | | | | |
| | 265 | - | | | | | | | | | | |
| | 266 | - | | | | | | | | | | |
| | 267 | - | | | | | | | | | | |
| | 268 | - | | | | | | | | | | |
| | 269 | - | | | | | | | | | | |
| | 270 | - | | | | | | | | | | |
| | 271 | - | | | | | | | | | | |
| | 272 | - | | | | | | | | | | |
| | 273 | - | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

Rejected

| Application/Control No. | |
|-------------------------|--|
| | |

0909532311098000

Applicant(s)/Patent Under Reexamination

Appeal

LAUFER, MICHAEL D.ALTSHULER ET AL.

Examiner

Cancelled

david shaydavid shay

Art Unit 37353769

N Non-Elected

| Nejected | | | - Cancelled | | | | | NOI1-L | lecteu | | A Appea | | | | | |
|----------|----------|-----------|--------------------|--------------|-------------|--------------|--------------------------|--------|--------------|--|---------|---|----------|--|--|--|
| = | А | llowed | | ÷ | Restricted | | | I | Interference | | | 0 | Objected | | | |
| | Claims r | enumbered | in the s | ame (| order as pr | esented by a | pplicant CPA T.D. R.1.47 | | | | | | | | | |
| | CLA | ML | | | | | DATE | | | | | | | | | |
| Final | | Original | 03/28/2 12/22/2 | 8008 8009 | 01/15/2009 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | \dashv | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | - | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | - | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | 4 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

| | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-----------------|-------------------------|--|
| Index of Claims | 0909532311098000 | LAUFER, MICHAEL D.ALTSHULER ET AL. |
| | Examiner | Art Unit |
| | david shaydavid shay | 37353769 |

Ν

Non-Elected

Interference

Α

Appeal

Objected

Cancelled

Restricted

Rejected

Allowed

✓

| Claims | renumbered | in the same | order as pre | esented by | applicant | | ☐ CPA | ☐ T.C |). 🗆 | R.1.47 |
|--------|------------|--------------------------|--------------|------------|-----------|------|-------|-------|------|--------|
| CL | | | | | | DATE | | | | |
| Final | Original | 03/28/2008 12/22/2008 | 01/15/2009 | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

U.S. Patent and Trademark Office Part of Paper No.: 1152009